

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	250	((measuring or sensing or detecting) with (delay) with (position or location)) and (seism\$4 or earthshak\$4 or earthquak\$4 or acceleromete\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/17 02:24
L2	46	((measuring or sensing or detecting) with (delay) with (position or location)) and (seism\$4 or earthshak\$4 or earthquak\$4 or acceleromete\$4) and (optic\$3 near3 fiber)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/17 02:24
S1	1	((fiber near3 optic\$3) near5 (sensor or sensing)) and (pont near3 (sensor or sensing))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/26 00:43
S2	6	(pont near3 (sensor or sensing))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/12 13:36
S3	49927	(point near3 (sensor or sensing))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/12 13:36
S4	524	(point near3 (sensor or sensing)) with (optic\$3 near3 fiber)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/12 13:36
S5	23	(point near3 (sensor or sensing)) with (optic\$3 near3 fiber).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/12 14:38

S6	258	(distribut\$3 near5 (sensor or sensing)) with (optic\$3 near3 fiber).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/12 13:41
S7	0	(distribut\$3 near5 (sensor or sensing)) with (optic\$3 near3 fiber) with definition	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/12 13:41
S8	0	(point near3 (sensor or sensing)) with (optic\$3 near3 fiber) with definition	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/12 13:45
S9	4	((("4812645") or ("5140154")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/12 14:50
S10	11	("5140154").URPN.	USPAT	OR	OFF	2007/05/12 14:07
S11	2	("5946429").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/12 14:07
S12	1	geophone and S5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/12 14:39
S13	1860	(385/12).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/12 14:50
S14	2	("5140154").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/26 01:55

S15	221	geophone same (fiber near3 optic\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/26 01:55
S16	158	geophone same (fiber near3 optic\$3 with sens \$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/26 02:37
S17	1956	(385/12).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/26 02:37
S18	2	("5140154").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/25 07:27
S19	241	((fiber near3 optic\$3) with surveillance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/08 04:55
S20	10	((fiber near3 optic\$3) with surveillance) and (fiber with optic\$3 with point with sensor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/08 05:03
S21	1623	(fiber with optic\$3 with point with sensor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/08 05:10
S22	1	((fiber near3 optic\$3) with surveillance) and (fiber with optic\$3 with accelerometer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/08 05:23

S23	3	((fiber near3 optic\$3) with surveillance) and (accelerometer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/08 05:23
S24	688	((fiber near3 optic\$3) with accelerometer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/08 05:35
S25	61	((fiber near3 optic\$3) with accelerometer) with (coupl\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/08 05:36
S26	2	("6575033").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/08 05:48
S27	9	((fiber near3 optic\$3) with geophone) with (coupl\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/08 06:09
S28	7	pulse\$3 with reflectometric with interferometric\$3 with interrogation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/08 06:39
S29	28	rayleigh near backscatter with interrogat\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/08 06:54
S30	28	rayleigh near backscatter with interrogat\$5 and (optic\$3 near3 fiber)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/08 06:55

S31	9	pulse\$4 with rayleigh near backscatter with interrogat\$5 and (optic\$3 near3 fiber)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/08 06:57
S32	2	("20040067004").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/08 09:04
S33	3285	(optic\$3 near3 fiber) with (measur\$4 or detect\$4) with (pressure or bend)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/08 10:04
S34	10024	seismic with (sensor or detector or sensing or detecting or measuring)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/15 14:03
S35	4128	(earthshak\$4 or earthquak\$4) with (sensor or detector or sensing or detecting or measuring)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/15 14:03
S39	100	geophone with (fiber near3 optic\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/15 14:04
S40	154	(fiber near3 optic\$3) and S35	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/15 14:05
S41	1196	(fiber near3 optic\$3) and S34	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/15 14:05

S42	1369	S39 or S40 or S41	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/15 14:05
S43	93722	(optic\$3 near3 fiber) with (measur\$4 or detect \$4 or sens\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/15 14:06
S44	829	S42 and S43	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/15 14:06
S46	247	electrical with strain with gauge.ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/16 12:12
S47	2	("4950883").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/16 14:17
S48	2	("5218197").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/16 14:29
S49	10024	seismic with (sensor or detector or sensing or detecting or measuring)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/16 14:42
S50	4128	(earthshak\$4 or earthquak\$4) with (sensor or detector or sensing or detecting or measuring)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/16 14:42

S51	100	geophone with (fiber near3 optic\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/16 14:42
S52	154	(fiber near3 optic\$3) and S50	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/16 14:42
S53	1196	(fiber near3 optic\$3) and S49	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/16 14:42
S54	1369	S51 or S52 or S53	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/16 14:42
S55	35	S54 and (bend with cable)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/16 14:44
S56	13	S54 and (bend with cable with (sensing or sensor or detecting or detector))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/16 14:55
S57	28	(position with (optic\$3 near3 (fiber or fibre) with (sensor or sensing or detecting or detector))) and (bend with cable with (sensing or sensor or detecting or detector))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/16 15:15
S58	135	(optic\$3 nera3 fiber) and (bend with cable with (sensing or sensor or detecting or detector))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/16 15:20

S59	4	S54 and (kink with cable with (sensing or sensor or detecting or detector))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/16 15:20
S60	2	(position with (optic\$3 near3 (fiber or fibre) with (sensor or sensing or detecting or detector))) and (kink with cable with (sensing or sensor or detecting or detector))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/16 15:21
S61	140	(optic\$3 nera3 fiber) and ((kink or bend) with cable with (sensing or sensor or detecting or detector))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/16 15:22
S62	3322	(optic\$3 nera3 fiber) and ((kink or bend) with (sensing or sensor or detecting or detector))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/16 15:22
S64	3	(position with (optic\$3 near3 (fiber or fibre) with (sensor or sensing or detecting or detector))) and (kink with (sensing or sensor or detecting or detector))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/16 15:22
S65	123	(optic\$3 nera3 fiber) and ((kink or bend) with (sensing or sensor or detecting or detector)).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/16 15:25
S66	0	reflectometric with interferometric.ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/16 16:01
S67	23	reflectomet\$4 with interferomet\$.ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/16 16:01



S68	0	(fiber near3 optic\$3 with sensor).ti. and pulse with sensor with signal and interferomet\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/16 16:37
S69	57	(fiber near3 optic\$3 with sensor).ti. and pulse with sensor with signal and interferomet\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/16 16:37
S72	44	cranch.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/16 16:38
S74	106	(fiber near3 optic\$3 with sensor).ti. and (rayleigh backscatter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/16 21:39
S75	5	(fiber near3 optic\$3 with sensor).ti. and (rayleigh near backscatter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/16 21:39
S76	0	(fiber near3 optic\$3 with sensor).ti. and (rayleigh near backscatter with pulse\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/16 21:44
S77	7	(fiber near3 optic\$3 with (sensing or sensor or detector or detecting)).ti. and (rayleigh near backscatter\$4 with pulse \$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/16 21:46

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